Computer Science (M.Sc.)

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Program Description

The **Master of Science (M.Sc.) in Computer Science (Thesis)** offered by the School of Computer Science in the Faculty of Science is a research-intensive program that emphasizes rigorous and cutting-edge learning opportunities. The program's objective is to equip students with skills in critical reading, forward-thinking, and academic writing to either continue their studies or pursue professional opportunities.

Keywords: Algorithms, Artificial Intelligence, Big Data, Bioinformatics, Climate Change, Compilers, Computational Biology, Complexity, Linguistics, Computer Games, Graphics, Cryptography, Data Science, Deep Learning, Discrete Mathematics, Distributed Systems, Software Engineering, Human-Computer Interaction, Inclusive Technology, Machine Learning, Medical Image Analysis, Natural Language Processing, Network Science, Neuroscience, Optimization, Quantum Computing, Robotics, Speech Processing, Technology for Good.

Unique Program Features

- The program is designed for students with a strong interest in research in computer science who hold at least the equivalent of an undergraduate minor in Computer Science;
- The program combines a strong course component with a research thesis. It is the usual (but not mandatory) entry point for students who wish to do a Ph.D., but is also the program of choice for those looking to enter the workforce upon graduation;
- Funding opportunities are available;
- The School's Faculty conduct research in various areas such as artificial intelligence, robotics, machine learning and vision, bioinformatics, systems research and computer science education, software engineering, programming languages, and the foundations of computer science;
- The School is one of the leading teaching and research centres for computer science in Canada.

University-Level Admission Requirements

- An eligible Bachelor's degree with a minimum 3.2 CGPA out of a possible 4.0 CGPA
- English-language proficiency

Each program has specific admission requirements including required application documents. Please visit the program website for more details.

Visit our Educational credentials and grade equivalencies (https://www.mcgill.ca/gradapplicants/how-apply/application-steps/equivalency) and English language proficiency (https://www.mcgill.ca/gradapplicants/how-apply/application-steps/proficiency) webpages for additional information.

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Program Website

MSc in Computer Science (https://www.cs.mcgill.ca/graduate/masters/mscthesis/) website

Department Contact

Graduate Program email (mailto:grad.cs@mcgill.ca?subject=MSc%20in%20Computer%20Science)

Available Intakes

Fall

Application Deadlines

Intake	Applications Open	Application Deadline - International	Application Deadline - Domestic (Canadian, Permanent Resident of Canada)
FALL	September 15	December 15	February 15
WINTER	N/A	N/A	N/A
SUMMER	N/A	N/A	N/A

Note: Application deadlines are subject to change without notice. Please check the application portal for the most up-to-date information.

Application Resources

- Application Steps webpage (https://www.mcgill.ca/gradapplicants/how-apply/application-steps)
- Submit Your Application webpage (https://www.mcgill.ca/gradapplicants/how-apply/submit-your-application)
- Connecting with a supervisor webpage (https://www.mcgill.ca/gradapplicants/research-supervision/connecting-supervisor)
- Graduate Funding webpage (https://www.mcgill.ca/gradapplicants/funding)

Application Workshops

Consult our full list of our virtual application-focused workshops on the Events webpage. (https://www.mcgill.ca/gradapplicants/events)

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